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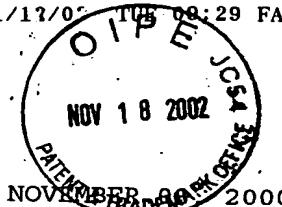
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JAN P. BRUNELLE
EXELIXIS, INC.
170 HARBOR WAY
P.O. BOX 511
SOUTH SAN FRANCISCO, CA 94080-0511

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RECORDATION DATE: 09/19/2000

REEL/FRAME: 011087/0343
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RAIKHEL, NATASHA V.

DOC DATE: 09/08/2000

ASSIGNOR:

KEEGSTRA, KENNETH G.

DOC DATE: 09/08/2000

ASSIGNEE:

MICHIGAN STATE UNIVERSITY
EAST LANSING, MICHIGAN 48824SERIAL NUMBER: 09490521
PATENT NUMBER:FILING DATE: 01/25/2000
ISSUE DATE:

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Execution Date

Month Day Year

09/08/2000

Name (line 1) Natasha V. RaikhelName (line 2)

Second Party

Execution Date

Month Day Year

09/08/2000

Name (line 1) Kenneth G. KeegstraName (line 2)

09490521

Receiving Party

 Mark if additional names of receiving parties attachedName (line 1) Michigan State University

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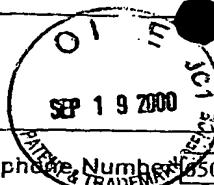
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Correspondent Name and Address

Area Code and Telephone Number 650-837-8180

Name Jan P. Brunelle

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Address (line 2) P.O. Box 511, 170 Harbor Way

Address (line 3) South San Francisco, California 94080-0511

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Patent Application Number(s)

09/490,521

Patent Number(s)

JOINT ASSIGNMENT

WHEREAS we, Natasha V. Raikhel and Kenneth G. Keegstra, both employees of Michigan State University, East Lansing, Michigan 48824, have invented certain new and useful improvements, *Xyloglucan Fucosyltransferases*, and having executed an application for United States patent disclosing and identifying the invention, said application being filed January 25, 2000, and granted application no. 09/490,521; and

Whereas, Michigan State University (hereinafter referred to as assignee), is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefore;

Now, therefore, and in consideration of our employment and compensation paid to us by assignee and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said assignee and said assignee's legal representatives, successors and assigns, the entire right, title, and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention; (c) in and to any and all applications filed in any and all countries granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, continuation or nonprovisional 37 CFR 1.53(b) application of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents; and we do hereby authorize and request the Commission of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this agreement.

We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable or perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

Date: 9/8/00

By: Natasha V. Raikhel
NATASHA V. RAIKHEL

State of Michigan) ss.
County of Ingham)

Before me, Janyth M. Sherman, Notary Public, personally appeared Natasha V. Raikhel and acknowledged the foregoing instrument to be her free act and deed this 8th day of September, 2000.

WITNESS my hand and official seal.

(SEAL)

Janyth M. Sherman
Notary Public
JANYTH M. SHERMAN
Notary Public, Ingham County, MI
Commission Expires July 12, 2002

Attorney Docket No.: MS00-001

Date: 9/8/2000

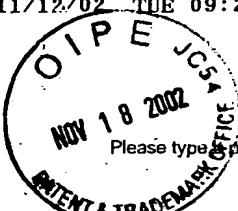
By:

Kenneth G. Keegstra
KENNETH G. KEEGSTRAState of Michigan)
County of Ingham) ss.Before me, Janyth M. Sherman, Notary Public, personally appeared Kenneth G. Keegstra and acknowledged the foregoing instrument to be his free act and deed this 8th day of September 2000.

WITNESS my hand and official seal.

(SEAL)

Janyth M. Sherman
Notary PublicJANYTH M. SHERMAN
Notary Public, Ingham County, MI
Commission Expires July 12, 2002



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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	10/037,311
Filing Date	November 9, 2001
First Named Inventor	Raikhel
Title	Xyloglucan Fucosyl
Group Art Unit	1638
Examiner Name	
Attorney Docket Number	MSU 4.1-633

I hereby appoint:

- Practitioners at Customer Number **21036** → Place Customer Number Bar Code Label here
- OR
- Practitioner(s) named below:

Name	Registration Number
Ian C. McLeod	20,931
John David Reilly	43,039
Mary M. Moyne	35,962

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

- The above-mentioned Customer Number.

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OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ian C. McLeod		
Address	McLeod & Moyne, P.C.		
Address	2190 Commons Parkway		
City	Okemos State MI Zip 48864		
Country	USA		
Telephone	(517) 347-4100	Fax	(517) 347-4103

I am the:

- Applicant/Inventor.

- Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Paul Hunt, Assistant Vice President for Research and Graduate Studies-Michigan State University	
Signature		
Date	November 9, 2002	

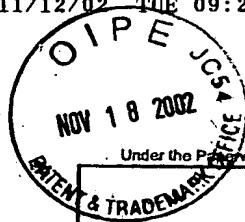
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 *Total of _____ forms are submitted.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **Michigan State University**

Application No./Patent No.: **10/037,311** Filed/Issue Date: **11/09/2001**

Entitled: **Xyloglucan Fucosyltransferases**
Michigan
State University, a **University**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel **11087** Frame **0343**, or for which a copy thereof is attached.

**Assignment recorded in parent
application S.N. 09/490,521,
filed 01/25/2000 (Recordation Date:
09/19/2000)**

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
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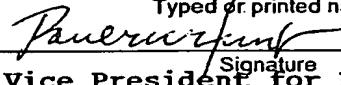
Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 9, 2002
Date

Paul Hunt
Typed or printed name

Signature
Vice President for Research and
Graduate Studies
Title

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